THE BREWER COMPANY

Brewer Cote®

Concentrated Pavement Sealer

TECHNICAL BULLETIN

Description:

Brewer Cote® is a high solids, concentrated refined tar emulsion pavement sealer produced with a colloid mill for consistent tar particle size and distribution. Formulated with a select blend of fillers proportioned for exceptional wear resistance, Brewer Cote® provides the quality conscious contractor a higher dilution rate for maximum solids content on the pavement. Brewer Cote® exhibits outstanding wear resistance and is highly resistant to gasoline, oil and ultraviolet light, providing superior protection for asphalt pavement surfaces. Brewer Cote® meets or exceeds all composition and performance requirements of ASTM Specification D5727 (formerly Federal Specification RP-355).

Application:

Brewer Cote® must be applied to clean, structurally sound asphalt pavements that are surface cured and free from all loose and foreign debris. Wide cracks, alligatored areas and soft or sunken pavement must be properly repaired or replaced prior to sealing. Oil and grease spots must be properly cleaned and primed prior to sealing. All vegetation should be treated with a water based herbicide at least one (1) week prior to sealing and removed during final surface preparations.

Brewer Cote® can be applied by using spray equipment, mechanical squeegee equipment, brush or rubber squeegee, designed for such purpose. All application equipment must be capable of applying a sufficient quantity of Brewer Cote® to the pavement to ensure a uniform coating at the specified application rates.

Key Advantages

- **High solids content**
- **Colloid milled for consistent, trouble free performance**
- **Formulated with select filler, proportioned for superior wear resistance and deep, jet black color**

Mix Designs and Usage:

Brewer Cote®, as supplied, is a concentrated pavement sealer designed to be mixed with water and mineral aggregate to form a ready to use pavement coating. The components are proportioned based upon a number of factors including, age, texture and porosity of the pavement to be sealed, as well as the amount of traffic the pavement will receive (see recommendations on back for further details).

Aggregates

Aggregates, such as silica sand and boiler slag, must be washed, graded and free from dust, clay or other foreign contaminants. The aggregate must be angular and of medium grain fineness.

Latex Additives

Approved latex additives may be added to Brewer Cote® to improve the sealer's durability, gas and oil resistance, drying time and color (see recommendations on back for further details).

Brewer Cote® Typical Properties:

Property	ASTM D 5727	Typical
Sp. Gr. @ 25 °C	1.20 min.	1.21
Non-Volatile,%	47.0 min	51.5
Ash Content, %	30.0-40.0	36.5
Water Content, %	53.0 max.	48.5
Drying Time, hrs.	8.0 max.	4.0
Cured Color	N/A	Charcoal Black

The Brewer Company 1354 US Highway 50 Milford, Ohio 45150
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15020
Rev 5/11

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Mix Designs:

Areas of Use	Type of Mix	No. of Coats	Brewer Cote® gals.	Water gals.	Aggregate lbs.	Additive gals.
Pedestrian Only (playgrounds)	Latex fortified emulsion	1st coat	100	50-60	100-200	2-3
		2nd coat	100	50-60	100-200	2-3
Low Traffic (residential drive-ways)	Standard emulsion	1st coat	100	35-50	0-200	0
		2nd coat	100	30-45	100-200	0
	Latex fortified emulsion	1st coat	100	40-55	0-200	1-2
		2nd coat	100	35-50	100-200	1-2
Moderate Traffic (parking areas)	Latex fortified emulsion	1st coat	100	40-55	0-300	2-3
		2nd coat	100	35-50	100-300	2-3
High Traffic (drive lanes)	Latex fortified emulsion	1st coat	100	40-55	0-400	3-4
		2nd coat	100	35-50	100-400	3-4
		3rd coat	100	45-60	100-400	3-4

Coverage:

Based upon the above referenced mix designs, Brewer Cote® coverage rates are as follows:

1st coat - 0.10 - 0.15 gal/square yard
2nd coat - 0.08 - 0.12 gal/square yard
3rd coat - 0.08 - 0.12 gal/square yard

When multiple coats are used, allow previous coat to dry so that it will withstand traffic without scuffing before applying the next coat of sealer. Temperatures below 70 °F, relative humidities above 50%, and lack of air movement will retard curing and lengthen the time between coats.

Limitations:

Brewer Cote® must be applied only when ambient and pavement temperatures are a minimum of 50 °F and are expected to remain there for at least twenty-four (24) hours after sealer application.

Brewer Cote® must not be applied during rainy or wet conditions such as foggy or overcast days with high relative humidity or when rain is predicted within twenty-four (24) hours after sealer application.

When the ambient temperature is in excess of 85 °F, the pavement should be fogged with clean water immediately prior to sealer application, to facilitate better bonding and even spreading of sealer. All standing water must be removed prior to sealer application.

Contact The Brewer Company for warranty information.

Precautions:

Apply Brewer Cote® to unsealed asphalt pavements or to surfaces previously sealed with refined tar emulsion pavement sealers.

Pavements previously sealed with asphalt emulsion pavement sealers should be allowed to weather for a minimum of two (2) years or until 50% of the pavement aggregate is exposed, before sealing with Brewer Cote®.

New asphalt pavements and repair areas shall be allowed to cure a minimum of sixty (60) days at a minimum daytime temperature of 60 °F before sealing with Brewer Cote® . A simple test to determine if a pavement is ready to be sealed is to cast a gallon or two of clean water over the surface. If the water sheets out, uniformly wetting the surface and no oil rings appear, the surface is ready to be sealed. If the water balls up and/or shows signs of oil rings, the surface is not ready to be sealed and should be allowed to cure longer.

Brewer Cote® contains refined tar. It may cause minor skin irritation. As with all chemicals, wear splash resistant goggles, protective gloves and clothing when applying Brewer Cote®. In case of skin or eye contact, immediately flush area with clean water. Consult Material Safety Data Sheet for more information on safety and handling.

Keep out of reach of children
For exterior use only

Protect from freezing
Non-Flammable

Packaging:

55 gallon metal drums and 4,500 gallon bulk tankers

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